BRUHATH BANGALORE MAHANAGARA PALIKE

Yalahanka ELECTRICAL DIVISION

PRE MEASUREMENT BOOK

Name of work: :- Annual maintenance and repairs of Street Lights in Ward No 01 Package Y-01 of Yelahanka Zone

Name of Contractror of nature of Agency:-M/S. Vinayaka Electrical

Job Code No:-001-22-000008

Ref no and Date of commencement of work:-:- EE/Ele/YZ//WO/000001 /22-23 Date:01/04/2022

Aggrement No & date:-

Measurement Book No: 2607/23-24 **Page No:** 260633 TO 260634

Bill NO :- 14th RA Bill **Bill Period : 01-01-2024 to 31-01-2024 (for 1 months)**

Sl. No.	Description	Unit	Period in Months	Present Measurements		
				Qty	Tender Full Rate	Cost
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. i) Poles with 36/40 W fluorescent tube light street lighting system.	Each	1	5	57.08	285.40
2	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 125 W HPMV light Park lighting system.	Each	1	0	63.00	0.00
3	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 250W HPSV light street lighting system/High Mast lighting system.	Each	1	1483	84.91	125921.53
4	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 400 watts HPSV light street lighting system.	Each	1	0	93.16	0.00
5	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB protective surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 24 watt LED park lighting system.	Each	1	0	73.33	0.00

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BBMP, Bangalore

6	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB protective surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 65 watt LED streetlight lighting system		Each	1	270	95.58	25806.60
7	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB protective surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 90 watt LED streetlight lighting system		Each	1	1166	114.75	133798.50
8	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB protective surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 110/120 watt LED streetlight lighting system		Each	1	0	131.25	0.00
9	Operation and Maintenance of LED Street lighting system including replacement of damaged/failed/fused out compnents like LED drivers MCPCB protective surge protective device switches, Wires Holders, Staters observing weather proofing technic confirming to IP 65 standards and switching ON/OFF of Street lights at specified timing and pole numbering. Preparing ward wise Street wise Street light data bank furnishing maintenance reports every day etc.., complete so as to ansure efficient burning of Street lights detailed in Tender documents for 150 watt LED street light /High mast lighting system		Each	1	0	155.91	0.00
10	Painting of existing Street lighting pole after scraping the oid paint and painted with suitable colour enamel/silver paint including copingflooting of the polec) 8 Mtr and above Street light pole		Nos	-	130	770.00	100100.00
	ADDRESS	**QTY.**					
	Kogilu Main Road	37					
	Bengalore Bellary Road	42					
	Jakkuru Main Road	12					
	Raithara Santhe to Yelahanka old town Bus stop	18					
	Vikas Layout	11					
	Maruti Nagar Near Toyota Showroom	4					
	Maruti Nagar Near Alpha School	4					
	Suggappa Layout	3					
	Total	**131**					
11	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.100 to 125Amps		Nos	-	6	7200.00	43200.00
12	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers.		Each	-	6	4030.00	24180.00
	POLE NO.	**ADDRESS**	**QTY.**				
	VE/01/GN/02/00/TC-214/04/S	GANDHINAGAR 3RD MAIN YELAHANKA OLD TOWN	1				

Assistant Executive Engineer (Ele)
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	VE/01/GN/00/01/TC-39/IMAX	GANDHINAGAR 2ND MAIN YELAHANKA OLD TOWN	1					
	VE/01/BL/01/00/TC-316/03/S	BASAVESHWARA NAGAR SHIVANAHALLI JAKKUR MAIN ROAD	1					
	VE/01/TC-98/SL/01/11/LED	SURABHI LAYOUT 1ST MAIN JAKKUR ROAD YELAHANKA	1					
	VE/01/TC-98/SL/IMAX	JAKKUR MAIN ROAD NEAR GANESH HOTEL	1					
	VE/01/BBR/10/S	B B ROAD YELAHANKA	1					
		Total	**6**					
13	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 50-63 Amps SP			Each	-	12	723.00	8676.00
	POLE NO.	**ADDRESS**	**QTY.**					
	VE/01/JMR/TC-216/65/S	VRL GODOWN MAIN ROAD NEAR SHIVANAHALLI	1					
	VE/01/GN/TC-39/01/00/14/LED	GANDHINAGAR YELAHANKA OLD TOWN	1					
	VE/01/OR/TC-349/01/00/02/LED	OLD BBMP OFFICE ROAD YELAHANAK OLD TOWN	1					
	VE/01/OPR/ TC-224/01/00/06/LED	OLD POST OFFICE ROAD YELAHANKA OLD TOWN	1					
	VE/01/NES/TC-221/01/00/17/LED	NEW STREET ROAD YELAHANKA OLD TOWN	1					
	VE/01/KMR/TC-66/08	KOGILU MAIN ROAD TUBER POLE PANEL BOARD	1					
	VE/01/KL/TC-66/01/00/03/LED	KURLAPPA LAYOUT MARUTHINAGAR MAIN ROAD	1					
	VE/01/SL/TC-128/04/03/LED	SAPTHAGIRI LAYOUT MARUTHINAGAR KOGILU MAIN ROAD	1					
	VE/01/PL/TC-94/01/06/S	PAPANNA LAYOUT MARUTHINAGAR KOGILU MAIN ROAD	1					
	VE/01/MNR/TC-58/01/00/LED	MARUTHINAGAR 1ST MAIN ROAD YELAHANKA	1					
	VE/01/MN/TC-59/02/00/21/LED	MARUTHINAGAR 2ND MAIN ROAD YELAHANKA	1					
	VE/01/VL/TC-119/03/02/11/S	VIKASH LAYOUT MARUTHINAGAR 2ND PHASE YELAHANKA	1					
		Total	**12**					
	TOTAL							**285812.03**
	Add GST 18 % = 12%+6% on item no 1-9					-12.00%	34297.44	251514.59
						18.00%	45272.63	**296787.21**
	Total Rs item no 10-13							**176156.00**
	Add GST 18 % on item no 10-13					18.00%		31708.08
	TOTAL Rs							**504651.29**
	Fine imposed for non burning of street lights For the period of 1/01/2024 to 31/01/2024							3500.00
	As per street light agreement clause 2% will be deducted in monthly maintenance bill against the released scrap material							5935.74
	GRAND TOTAL							**495215.55**

CERTIFICATE

1.This is to certify that the work done is saticefactorily.

2.This is to certify that the bill amount calimed in this bill does not claimed in any of the previous bill.

Junior Engineer(Elec)
Yalahanka Division

Asst.Exe.Engineer(Elec)
Yalahanka Division